

**NATIONAL WEATHER SERVICE**  
**PRODUCT/SERVICE DESCRIPTION DOCUMENT (PDD)**

**TYPE:** *Experimental Product*

**DATE:** *July 2, 2004*

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**EXPERIMENTAL GRAPHICAL HAZARDOUS WEATHER OUTLOOK**

**Part I – Mission Connection**

1. **Product Description** – The Graphical Hazardous Weather Outlook will display graphically on the internet the weather hazards for the WFO County Warning Area (CWA) for 24 hour periods beginning with the current day. It is intended to supplement the Hazardous Weather Outlook text product.
2. **Purpose** - The purpose of this experimental web page is to provide our customers and partners with enhanced detail both spatially and temporally on the weather hazards affecting the WFO CWA for the next 24 hours. It is anticipated that users such as emergency managers, business owners, and lay people will be able to monitor the web site when making plans for the upcoming week.
3. **Audience** - The audience is any customer in the WFO forecast area who would like access to graphically depicted weather hazard information.
4. **Presentation Format** - All displays occur via a web page interface. Weather hazards are displayed by forecast zone and are color coded. Forecasters create the graphics in GFE and then run a script to send over the PNG files to the WFO home page. A graphic exists for a 24 hour period ending at 8 am local time.
5. **Feedback Method** - We solicit feedback through the NWS Digital Feedback form, e-mail to the webmaster, or by traditional mail to:

National Weather Service  
Attn: Ron Murphy  
32 Dawes Drive  
Johnson City, New York 13790  
Phone 607-729-1597

E-mail comments or questions can be sent to:

[Ron.Murphy@noaa.gov](mailto:Ron.Murphy@noaa.gov)

6. **Example URL** – <http://www.erh.noaa.gov/bgm/hwo/>

## **Part II - Technical Description**

1. **Format and Science Basis** - This product was developed to provide customers enhanced weather hazard information in graphical form. The graphics are created in GFE using standard editing procedures with a 5 km resolution.
2. **Availability** - The web page is available 24/7. The underlying graphics are updated at a minimum of once per day with the issuance of the HWO text product and updated as conditions warrant.
3. **Additional Information** - Forecast output from this experimental application is not intended to substitute for the official HWO text product. Rather, it is to be used as a supplement to the traditional product by users wishing to obtain more detailed hazard information.